

| | | | | | |
|---|-----------------|--|--|--------------------------|---------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary) | | | | COMPLETE IF KNOWN | |
| | | | | Application Number | 10/719,633 |
| | | | | Confirmation Number | 3642 |
| | | | | Filing Date | November 11, 2003 |
| | | | | First Named Inventor | Iversen, Patrick L. |
| | | | | Group Art Unit | 1635 |
| | | | | Examiner Name | McGarry, Sean |
| Attorney Docket No. | 50450-8032.US02 | | | | |

PATENT & TRADEMARK OFFICE
 OCT 04 2006

| | | | |
|-------|---|----|---|
| Sheet | 1 | of | 2 |
|-------|---|----|---|

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|----------|----------------------------|----------------------|--|--|---|
| Examiner Initials* | Cite No. | U.S. Patent or Application | | Name of Patentee or Inventor of Cited Document | Date of Publication or Filing Date of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | NUMBER | Kind Code (if known) | | | |
| | 1. | 5,220,014 | | Saxena Shailendra et al. | 6/15/93 | |
| | 2. | 5,821,052 | | Chen Gia-Fen et al. | 10/13/98 | |
| | 3. | 5,977,340 | | Colote Soudhir et al. | 11/2/99 | |
| | 4. | 6,060,456 | | Arnold et al. | 5/9/00 | |
| | 5. | 6,133,246 | | McKay et al., | 10/17/00 | |
| | 6. | 6,228,579 | | Zyskind et al. | 5/8/01 | |
| | 7. | 6,239,265 | | Cook | 5/29/01 | |
| | 8. | 6,495,663 | | Rothbard | 12/17/02 | |
| | 9. | 6,677,153 | B2 | Iversen | 1/13/04 | |
| SM | 10. | 7,049,431 | B2 | Iversen | 5/23/06 | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|----------|-------------------------------|-------------|----------------------|---|--|---|---|
| Examiner Initials* | Cite No. | Foreign Patent or Application | | | Name of Patentee or Applicant of Cited Document | Date of Publication or Filing Date of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T |
| | | Office | NUMBER | Kind Code (if known) | | | | |
| | 11. | EP | 0 892 064 | A2 | EPO | 6/1/98 | | |
| | 12. | EP | 0 894 857 | A2 | EPO | 7/23/98 | | |
| | 13. | PCT | WO 91 09033 | | WIPO | 6/27/91 | | |
| | 14. | PCT | WO 98/03533 | | WIPO | 1/29/98 | | |
| | 15. | PCT | WO 98/32467 | | WIPO | 7/30/98 | | |
| SM | 16. | PCT | WO 99/02673 | | WIPO | 1/21/99 | | |

| OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS | | | |
|---|----------|---|---|
| Examiner Initials* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published. | T |
| SM | 17. | Agrawal et al., <i>Tibtech</i> , 14:376-387 (1996). | |
| SM | 18. | Baker, Pamela J. et al., "Subinhibitory Concentrations of Cefpodoxime Alter Membrane Protein Expression of Actinobacillus actinomycetemcomitans and Enhance Its Susceptibility to Killing by Neutrophils", Antimicrobial Agents and Chemotherapy, pp. 406-412, Feb. 1995. | |

| | |
|---|--|
| EXAMINER <div style="text-align: center;">/Sean McGarry/</div> | DATE CONSIDERED <div style="text-align: center;">10/16/2006</div> |
|---|--|

*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

| | | | | | |
|---|---|----|---|--------------------------|---------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary) | | | | COMPLETE IF KNOWN | |
| | | | | Application Number | 10/719,633 |
| | | | | Confirmation Number | 3642 |
| | | | | Filing Date | November 11, 2003 |
| | | | | First Named Inventor | Iversen, Patrick L. |
| | | | | Group Art Unit | 1635 |
| | | | | Examiner Name | McGarry, Sean |
| Sheet | 2 | of | 2 | Attorney Docket No. | 50450-8032.US02 |

| OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS | | | | |
|---|----------|---|--|---|
| Examiner Initials* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published. | | T |
| SM | 19. | Branch et al., <i>Trends in Biochem. Sci.</i> , <u>23</u> :45-50 (1998). | | |
| | 20. | Filadoro, F., "Bacteria, Antibiotics and the Immune System: A Look at a Classic Triad", <i>Igiene Moderna</i> 104(3), pp. 459-465, 1995 (Abstract Only) | | |
| | 21. | Green et al., <i>J. Am. Coll. Surg., Collective Review</i> , pp. 93-105 | | |
| | 22. | Good et al., <i>Nature Biotechnology</i> , <u>16</u> :355-358 (1998). | | |
| | 23. | Good et al., <i>PNAS</i> , <u>95</u> :2073-2076 (1998). | | |
| | 24. | Gottfried et al., <i>Clinical Therapeutics</i> , <u>22</u> (1):2-14 (2000). | | |
| | 25. | Iversen, Patrick L., "Phosphorodiamidate Morpholino Oligomers", <i>Antisense Drug Technology, Principles, Strategies and Applications</i> , Copyright 2001 by Marcel Dekker, Inc., pp. 375-389. | | |
| | 26. | Jayaraman et al., <i>PNAS</i> , <u>78</u> (3):1537-1541 (1981). | | |
| | 27. | Jen et al., <i>Stem Cells</i> , <u>18</u> :307-319 (2000). | | |
| | 28. | Rahman et al., <i>Antisense Research and Development</i> , <u>1</u> :319-327 (1991). | | |
| | 29. | Suzuki, I. et al., "In vivo Activity of Cefbuperazone (T-1982) Against Various Experimental Infections in Mice", <i>Journal of Antibiotics (J. Antibiot.) (Japan)</i> 38/2, pp. 249-258, 1985 (Abstract Only). | | |
| | 30. | Summerton et al., <i>Biochim et. Biophys. ACTA</i> , <u>1489</u> :141-158 (1999). | | |
| | 31. | Tornqvist, Inga Odenholt et al., "Pharmacodynamic Effects of Subinhibitory Antibiotic Concentrations", <i>Scand J. Infect Dis, Suppl.</i> 74:94-101, 1991. | | |
| SM | 32. | Zak, O. et al., "Correlation of Antibacterial Activities of Antibiotics in vitro and in Animal Models of Infection", <i>Journal of Antimicrobial Chemotherapy</i> 15, Suppl. A, pp. 273-282, 1985. | | |

| | | | |
|--|----------------|-----------------|------------|
| EXAMINER | /Sean McGarry/ | DATE CONSIDERED | 10/16/2006 |
| *EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s). | | | |